Toll Free: 1-888-865-6888

Tel: 510-226-8368 Fax: 510-226-8968

Email: sales@RackmountMart.com

User Manual

LCDK1002

1U Keyboard Drawer

Options :
- **Full Range Combo KVM**
- **DVI-D KVM for MAC keyboard option**

Legal Information

First English printing, October 2002

Information in this document has been carefully checked for accuracy; however, no guarantee is given to the correctness of the contents. The information in this document is subject to change without notice. We are not liable for any injury or loss that results from the use of this equipment.

Safety Instructions

Please read all of these instructions carefully before you use the device. Save this manual for future reference.

- Unplug equipment before cleaning. Don't use liquid or spray detergent; use a moist cloth.
- Keep equipment away from excessive humidity and heat. Preferably, keep it in an air-conditioned environment with temperatures not exceeding 40º Celsius (104º Fahrenheit).
- When installing, place the equipment on a sturdy, level surface to prevent it from accidentally falling and causing dam age to other equipment or injury to persons nearby.
- When the equipment is in an open position, do not cover, block or in any way obstruct the gap between it and the power supply. Proper air convection is necessary to keep it from overheating.
- Arrange the equipment's power cord in such a way that others won't trip or fall over it.
- If you are using a power cord that didn't ship with the equipment, ensure that it is rated for the voltage and current labeled on the equipment's electrical ratings label. The voltage rating on the cord should be higher than the one listed on the equipment's ratings label.
- Observe all precautions and warnings attached to the equipment.
- If you don't intend on using the equipment for a long time, disconnect it from the power outlet to prevent being dam aged by transient over-voltage.
- Keep all liquids away from the equipment to minimize the risk of accidental spillage. Liquid spilled on to the power supply or on other hardware may cause damage, fire or electrical shock.
- Only qualified service personnel should open the chassis. Opening it yourself could damage the equipment and invali date its warranty.
- If any part of the equipment becomes damaged or stops functioning, have it checked by qualified service personnel.

What the warranty does not cover

- Any product, on which the serial number has been defaced, modified or removed.
- Damage, deterioration or malfunction resulting from:
  - ☐ Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied with the product.
  - ☐ Repair or attempted repair by anyone not authorized by us.
  - ☐ Any damage of the product due to shipment.
  - ☐ Removal or installation of the product.
  - ☐ Causes external to the product, such as electric power fluctuation or failure.
  - ☐ Use of supplies or parts not meeting our specifications.
  - ☐ Normal wear and tear.
  - ☐ Any other causes which does not relate to a product defect.
- Removal, installation, and set-up service charges.

Regulatory Notices Federal Communications Commission (FCC)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential instal-lation.

Any changes or modifications made to this equipment may void the user's authority to operate this equipment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Re-position or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Contents

< Part. 1 > LCDK1002

1.1	Package Content	P.1
1.2	Structure Diagram & Dimension	P.1 - 2
1.3	Installation	P.3
1.4	Connection	P.4

< Part. 2 > Specifications

2.1	Keyboard / Mouse Specifications	P.5 - 8

< Part. 3 > KVM Integration

Combo Cat6 KVM	Local	Remote	IP	8-port	16-port	32-port
	1	0	1	-U8KVM2IP	-U16KVM2IP	-U32KVM2IP
	1	1	0	-U8KVM2	-U16KVM2	-U32KVM2
	1	0	0	-U8KVM	-U16KVM	-U32KVM

Combo DB-15 KVM	Local	Remote	IP	8-port	16-port	32-port
	1	0	1	-8KVM2IP	-16KVM2IP	-
	1	1	0	-8KVM2	-16KVM2	-
	1	0	0	-8KVM-u	-16KVM-u	-

PS/2 DB-15 KVM	Local	Remote	IP	8-port	-	-
	1	0	0	-8KVM	-	-

DVI-D KVM	Local	Remote	IP	12-port	-	-
	1	0	0	-12DVI	-	-

**** 12-port DVI-D KVM integration is for MAC keyboard option only.**

Before Installation

- It is very important to mount the equipment in a suitable cabinet or on a stable surface.
- Make sure the place has a good ventilation, is out of direct sunlight, away from sources of excessive dust, dirt, heat, water, moisture and vibration.

Unpacking

The equipment comes with the standard parts shown in package content. Check and make sure they are included and in good condition. If anything is missing, or damaged, contact the supplier immediately.

How To Clean Your LCD Monitor

Caution :

- To avoid the risk of electric shock, make sure your hands are dry before unplugging your monitor from or plugging your monitor into an electrical outlet.
- When you clean your monitor, do not press down on the LCD screen. Pressing down on the screen can scratch or damage your display. Pressure damage is not covered under warranty.
- Use only cleansers made specifically for cleaning monitors and monitor screens. Cleansers not made to clean monitors and monitor screens can scratch the LCD display or strip off the finish.
- Do not spray any kind of liquid directly onto the screen or case of your monitor. Spraying liquids directly onto the screen or case can cause damage which is not covered under warranty.
- Do not use paper towels or abrasive pads to clean your monitor. Using an abrasive pad or any wood based paper product such as paper towels can scratch your LCD screen.

Cleaning Your Monitor

To clean your LCD safely, please follow these steps :

① Disconnect the power cord.

② Gently wipe the surface using a clean, dry microfiber cloth. Use as little pressure as possible.

Cleaning Tough Marks and Smudges

To remove tough marks and smudges, please follow these steps :

① Disconnect the power cord.

② Spray a small amount of non-abrasive cleanser on a microfiber cloth.

Caution : Do not spray or apply any liquids directly onto the monitor. Always apply the solution to your microfiber cloth first, not directly on the parts you are cleaning.

③ Gently wipe the surface. Use as little pressure as possible.

④ Wait until your monitor is completely dry before plugging it in and powering it up.

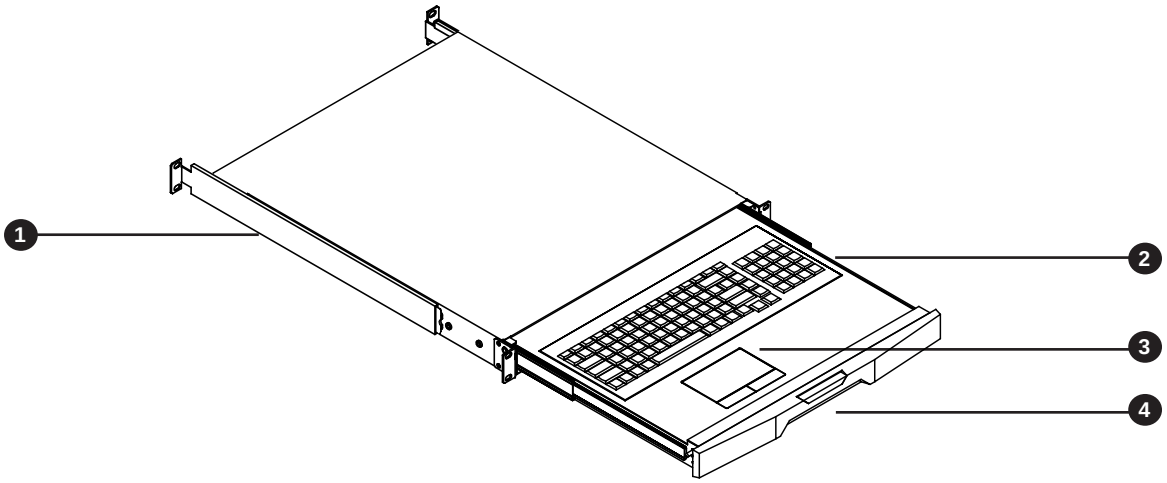
< Part 1 >
< 1.1 > Package Content

LCDK1002 unit X 1

- PT-CB-KBCOMBO 6ft Combo keyboard mouse cable X 1
- M6 screw, cage nut & cup washer X 8

The above package content varies with KVM options.

< 1.2 > Structure Diagram



① Installation Slides

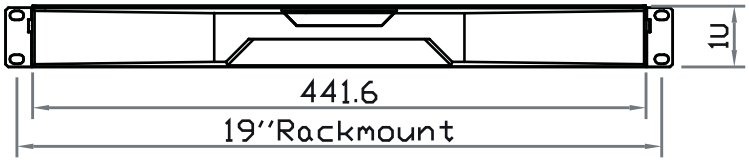
② 104-key keyboard (n & b) Compact keyboard (d & t)

③ Mouse interchangeable module kit (Not availble in d & t)

④ Carry handle to release the 2-pt lock

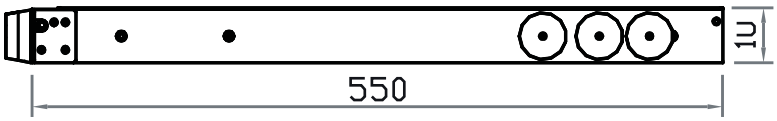
< 1.2 > Dimension

Front View

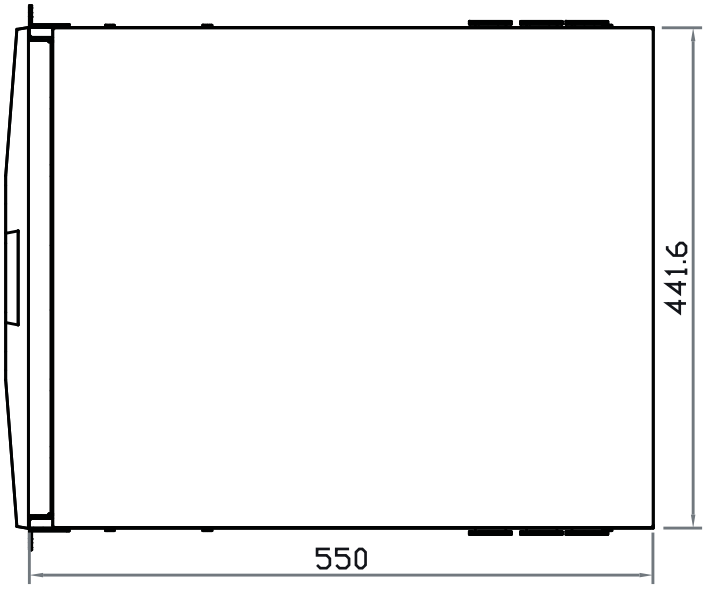


Side View

UNIT : mm
1mm = 0.03937 inch



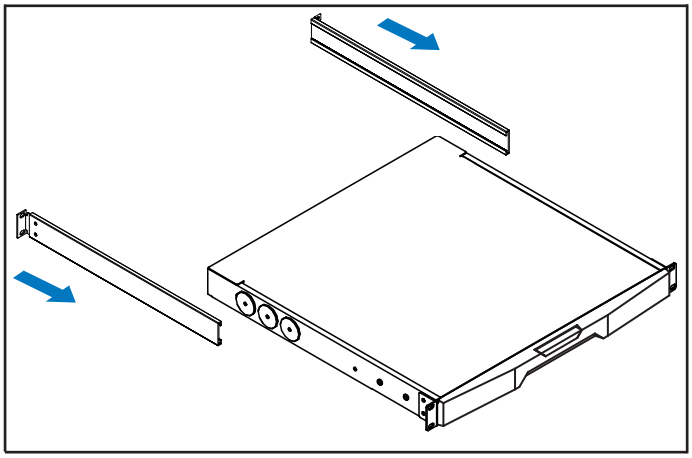
Top View



Model	Product Dimension (W x D x H)	Net Weight
LCDK1002	441.6 x 550 x 44 mm 17.4 x 21.7 x 1.73"	11 kg 24 lb

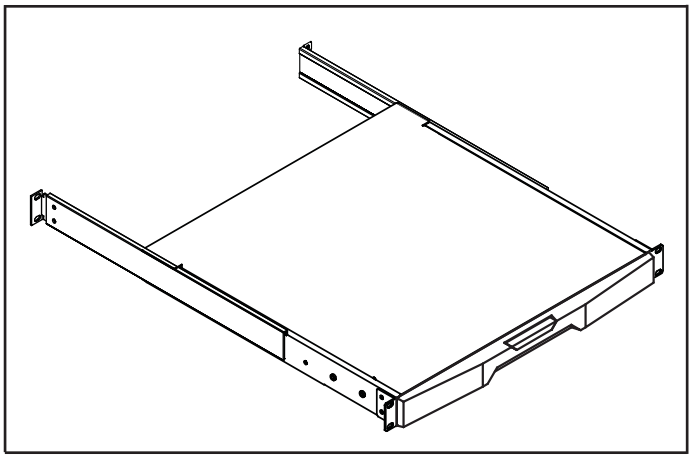
The weight varies with KVM options.

< 1.3 > Installation - How to install Installation Slides



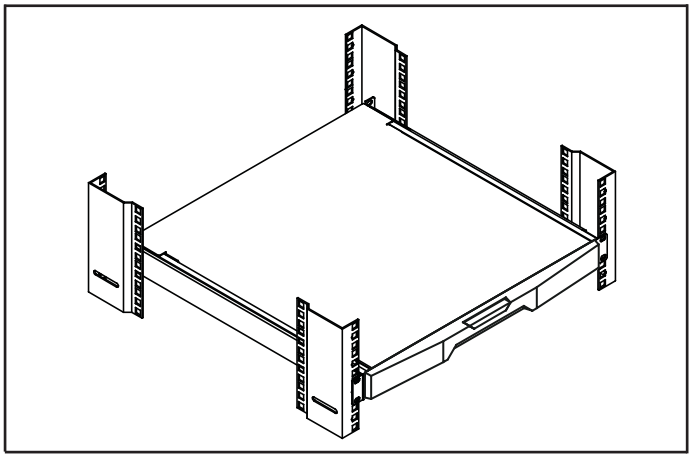
Step 1

- Insert the left and right rear mounting bracket into the keyboard drawer.



Step 2

- Measure the depth of the front and rear mounting rails.
- Align each rear mounting bracket to a suitable length.



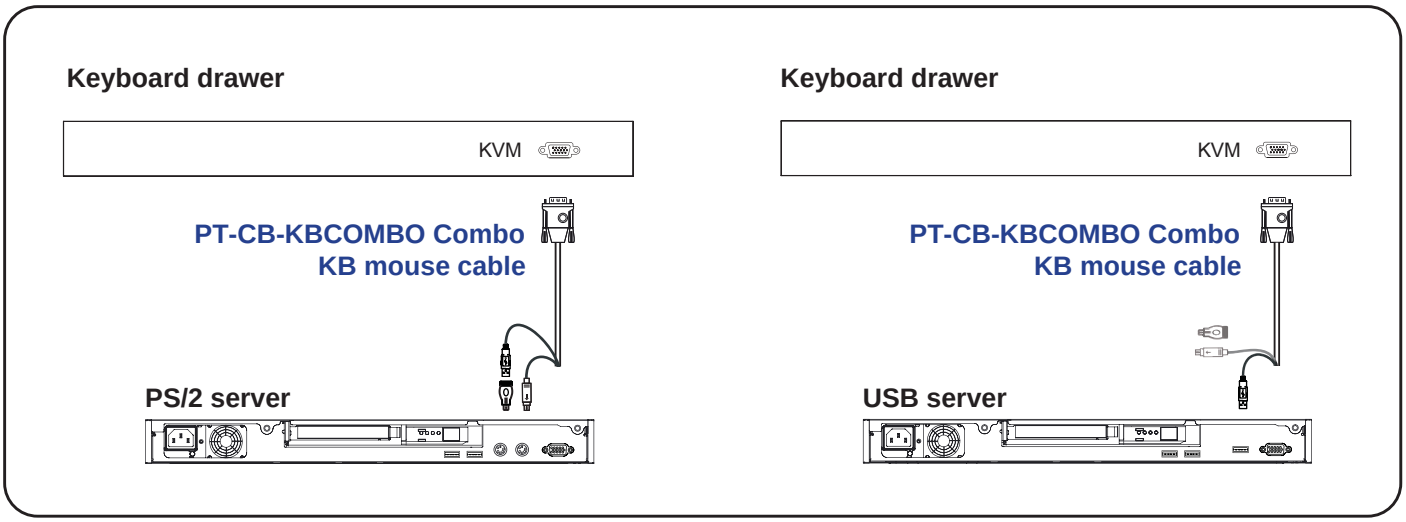
Step 3

Complete the installation

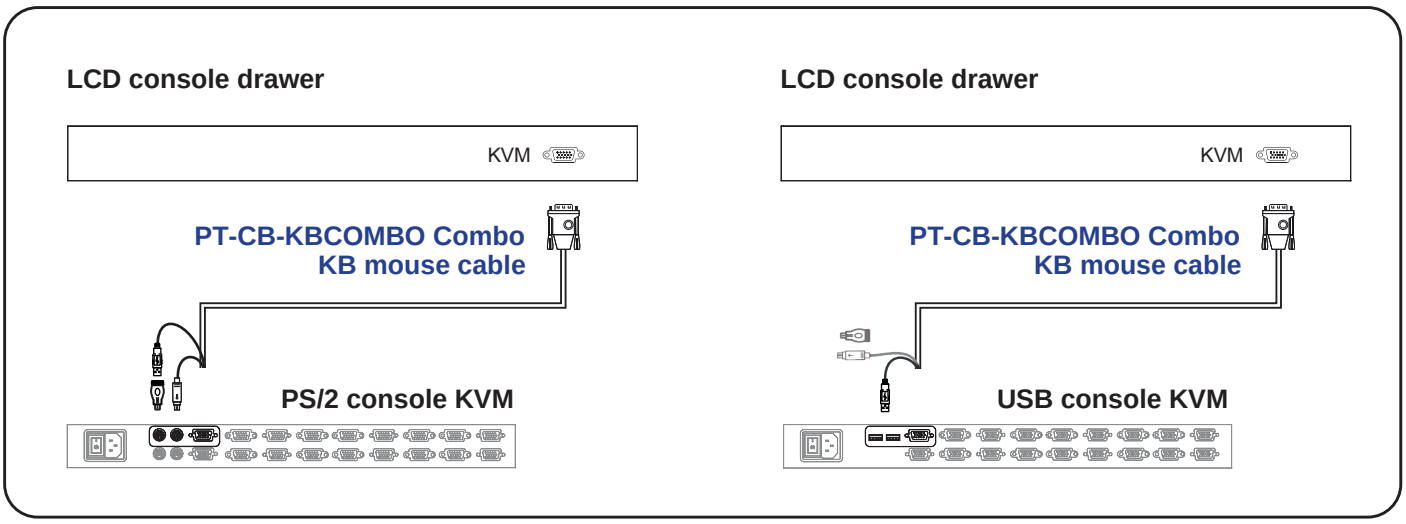
- Fix the keyboard drawer into the rack.

M6 screw, cage nut & cup washer x 8 are provided.

< 1.4 > Connection to PS/2 or USB Server



< 1.4 > Connection to external KVM



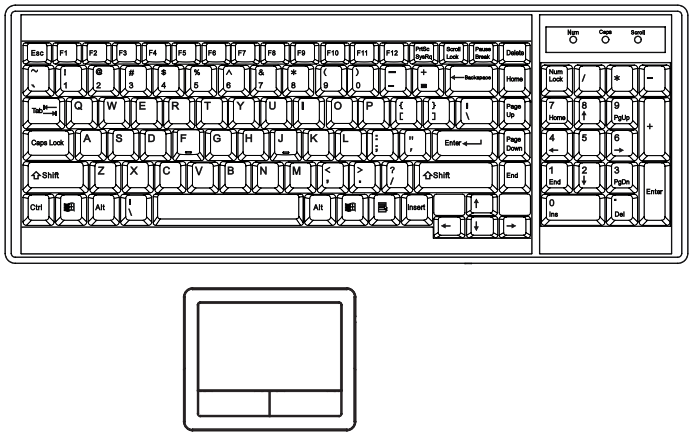
Caution : The keyboard drawer is hot-pluggable, but components of connected devices, such as the servers and KVM switch, may not be hot-pluggable. Plugging and unplugging cables while servers and KVM are powered on may cause irreversible damage to the servers, KVM and keyboard drawer. Before attempting to connect anything to the keyboard drawer, we suggest turning off the power to all devices. Apply power to connected devices again only after the keyboard drawer is receiving power. The company is not responsible for damage caused in this way.

www.rackmountmart.com

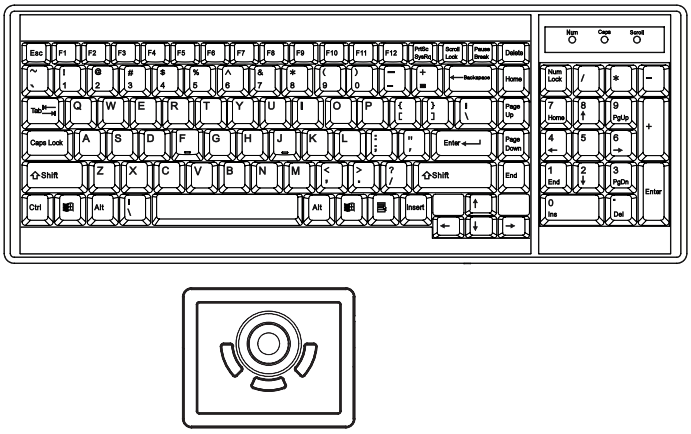
< Part 2 >

< 2.1 > Standard Keyboard / Mouse Specifications (n & b version)

Ge G keyboard integrated with touchpad



Gb G keyboard integrated with trackball



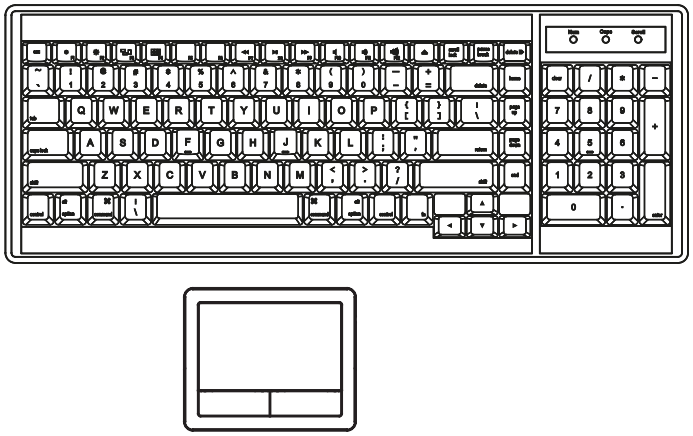
Key force	55 ± 5g
Travelling distance	3 ± 0.3mm
Switch life	> 10 million life cycle time
Software support	MS Windows 7 / 2008 / 2003 / 2000 / XP / ME / 98 / DOC Linux / Mac

Supporting layouts

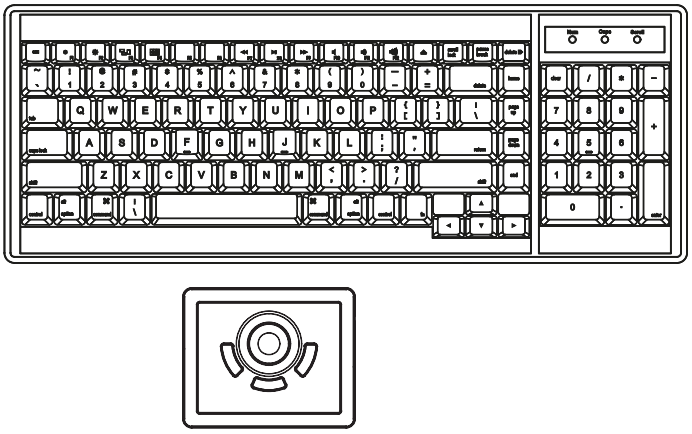
America	United States				
EMEA	United Kingdom	Germany	France	Spain	Norway
	Italy	Russia	Switzerland	Netherlands	Portugal
Asia	China	Japan	Korea	Arabia	Turkey

< 2.1 > MAC Keyboard / Mouse Options (Available in n & b version only)

Me MAC keyboard integrated with touchpad



Mb MAC keyboard integrated with trackball



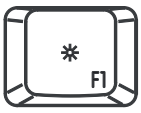
Supporting layouts

America

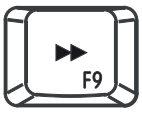
United States

How to Use "MAC" Keyboard

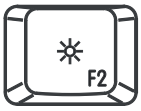
Keyboard Features



F1
Decrease display brightness



F9
Fast-forward



F2
Increase display brightness

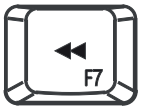
F10
Mute sound

F3
Mission control
* Only works with OS X Lion
default Keyboard Shortcuts.

F11
Decrease volume

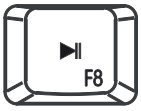
F4
Dashboard

F12
Increase volume



F7
Rewind

Eject disc

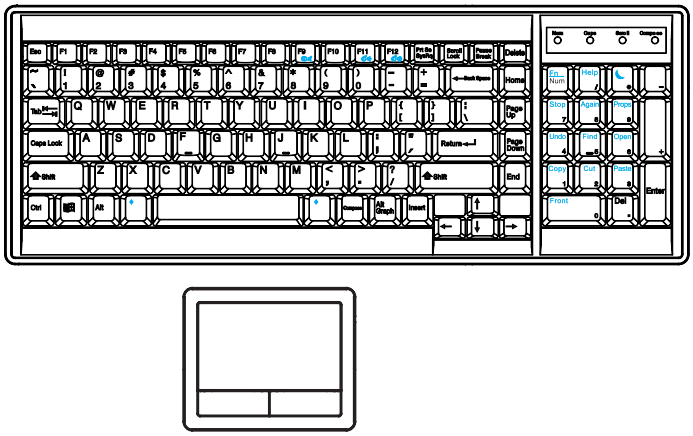


F8
Play / Pause

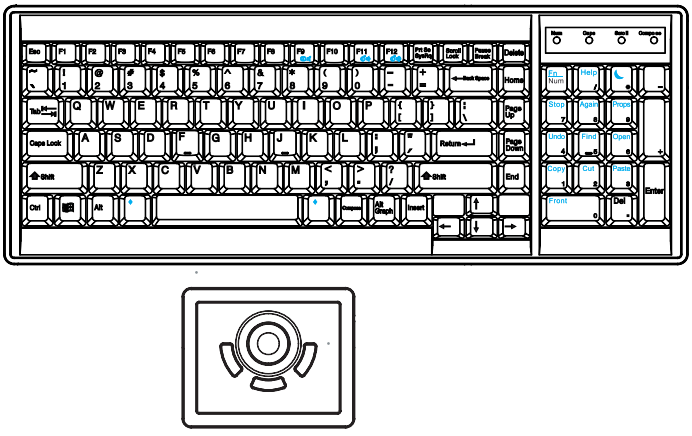
Command

< 2.1 > SUN Keyboard / Mouse Options (Available in n & b version only)

Se S keyboard integrated with touchpad



Sb S keyboard integrated with trackball

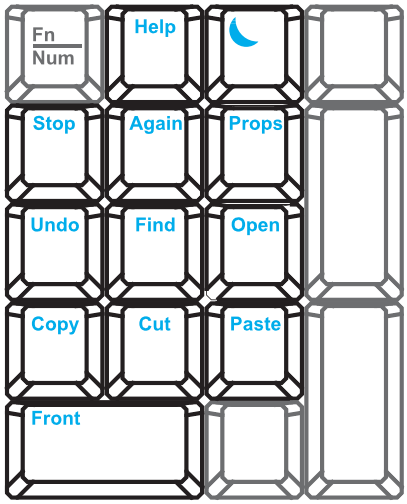


S keyboard integrated with touchpad / trackball

SOLARIS®

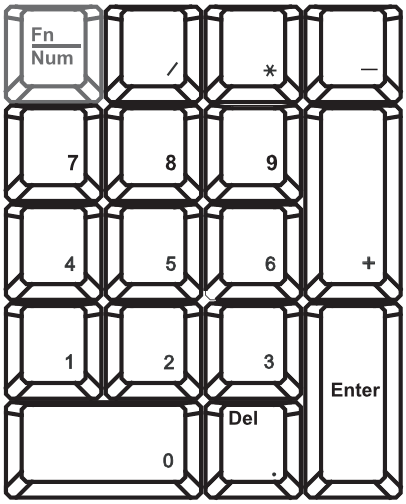
- Incorporates SUN keys, including Stop, Cut, Paste, Compose, Copy and Help
- 104 key notepad keyboard with full numerical pad and SUN function
- USB interface
- US layout only

How to Use "S" Keyboard



Num LED in Off mode

Key pad behaves as a SUN Solar system administration command mode

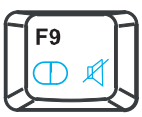


Num LED in Green mode

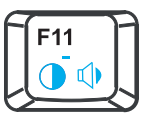
Key pad behaves as a normal key pad mode

Audio / Display Keys

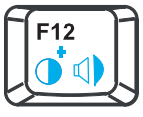
*** Please ask your supplier for full details**



F9
Audio : Mute
Display : Degauss



F11
Audio : Decrease volume
Display : Decrease contrast

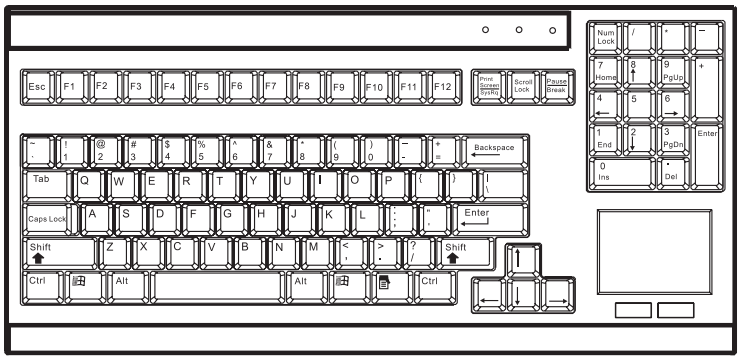


F12
Audio : Increase volume
Display : Increase contrast

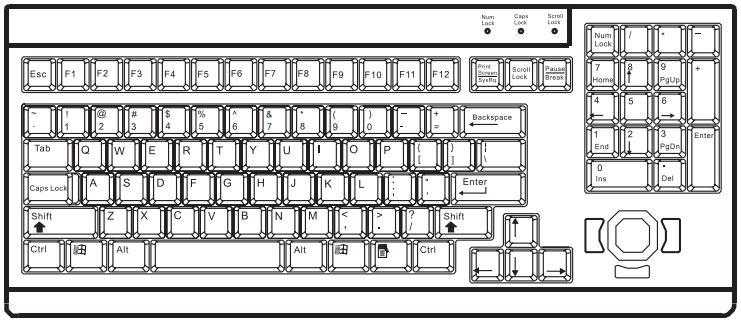
www.rackmountmart.com

< 2.1 > Keyboard / Mouse Specifications

t Compact keyboard integrated with touchpad



d Compact keyboard integrated with trackball



Key force	90 ± 7g
Travelling distance	4.0mm
Switch life	> 3 million life cycle time
Software support	MS Windows 7 / 2008 / 2003 / 2000 / XP / ME / 98 / DOC Linux / Mac

Supporting layouts

America

United States

The company reserves the right to modify product specifications without prior notice and assumes no responsibility for any error which may appear in this publication.

All brand names, logo and registered trademarks are properties of their respective owners.

Copyright 2012 Synergy Global Technology Inc. All rights reserved.